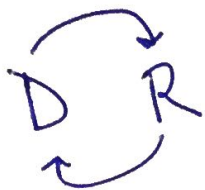
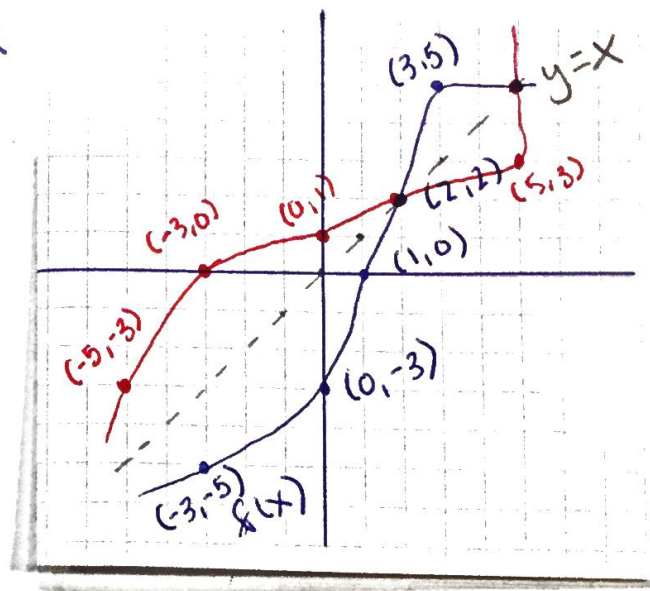


Notes - Inverse Function



domain + range (x + y)
trade places

Graphically: Inverses look like reflections of each other over the line $y=x$



Ex 1: Find the inverse of $f(x) = \{(2, -3), (5, 1), (0, 7), (1, 4)\}$

• Switch x and y

$f^{-1}(x) = \{(-3, 2), (1, 5), (7, 0), (4, 1)\}$

notation for "inverse" →

If given an equation

1. Write $f(x)$ as $y =$ instead

2. Switch x and y

3. Solve for y

4. Write your answer as $f^{-1}(x) =$